

## U.S. DEPARTMENT OF COMMERCE PATENT &amp; TRADEMARK OFFICE

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| B/O Form PTO-1390<br><b>Transmittal Letter to the United States<br/>Designated/Elected Office (DO/EO/US)<br/>Concerning a Filing Under 35 USC 371</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                  | <i>Attorney's Docket Number</i><br>FROH3007/FJD<br>U.S. Application Number (if known)<br><b>107562220</b> |
| International Application Number<br><b>PCT/EP2004/006703</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | International Filing Date<br><b>22 June 2004</b> | Priority Date Claimed<br><b>23 June 2003</b>                                                              |
| Title of Invention<br><b>Method for calibrating an ultrasonic flow-measuring device</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                  |                                                                                                           |
| Applicant(s) for DO/EO/US<br><b>Thomas Frohlich et al.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                  |                                                                                                           |
| <b>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items under 35 USC 371:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                  |                                                                                                           |
| <p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under <b>35 USC 371</b>.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under <b>35 USC 371</b>.</p> <p>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (<b>35 USC 371(f)</b>) at any time rather than delay examination until the expiration of the applicable time limit set in <b>35 USC 371(b)</b> and PCT Articles 22 and 39(1).</p> <p>4. <input checked="" type="checkbox"/> The U.S. has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed <b>35 USC 371(c)(2)</b>.           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </p> <p>6. <input checked="" type="checkbox"/> A translation of the International Application into English (<b>35 USC 371(c)(2)</b>).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (<b>35 USC 371(c)(3)</b>)           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ul> </p> <p>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (<b>35 USC 371(c)(3)</b>).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (<b>35 USC 371(c)(4)</b>). (<input type="checkbox"/> Executed      <input type="checkbox"/> Unexecuted)</p> <p>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (<b>35 USC 371(c)(5)</b>).</p> |                                                  |                                                                                                           |
| <p><b>Items 11 to 16 below concern other document(s) or information included:</b></p> <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under <b>37 CFR 1.97</b> and <b>1.98</b>.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with <b>37 CFR 3.28</b> and <b>3.31</b> is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under <b>37 CFR 1.76</b>.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and U.S.C. 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under <b>35 U.S.C. 154(d)(4)</b>.</p> <p>19. <input checked="" type="checkbox"/> Priority is claimed for German application no. 103 28 294.7 with a filing date of 23 June 2003.</p> <p>20. <input checked="" type="checkbox"/> Other items or information: a copy of <b>WO 2005/001397 A1</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                  |                                                                                                           |

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------|---------------------|
| Application Number (if Known)                                                                                                                                                                                                                                               |               | International Application Number                                               |                                                                                    | Attorney's Docket Number |                     |
| <b>10/562220</b>                                                                                                                                                                                                                                                            |               | <b>PCT/EP2004/006703</b>                                                       |                                                                                    | <b>FROH3007/FJD</b>      |                     |
|                                                                                                                                                                                                                                                                             |               |                                                                                |                                                                                    | <b>Calculations</b>      | <b>PTO USE ONLY</b> |
| 21. The following fees are submitted:                                                                                                                                                                                                                                       |               |                                                                                |                                                                                    |                          |                     |
| <input checked="" type="checkbox"/> a) Basic national fee ..... \$300.00<br><input checked="" type="checkbox"/> b) Examination fee ..... \$200.00<br><input checked="" type="checkbox"/> c) Search Fee ..... \$500.00                                                       |               |                                                                                |                                                                                    |                          |                     |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>                                                                                                                                                                                                                                        |               |                                                                                |                                                                                    | <b>\$1,000.00</b>        | <b>\$1,000.00</b>   |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fractions thereof. |               |                                                                                |                                                                                    |                          |                     |
| Total Sheets                                                                                                                                                                                                                                                                | Extra sheets  | Number of each additional 50 or fractions thereof (round up to a whole number) |                                                                                    | RATE                     |                     |
| - 100 =                                                                                                                                                                                                                                                                     | /50=          |                                                                                |                                                                                    | x \$250.00               |                     |
| Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).                                                                                                                         |               |                                                                                |                                                                                    |                          |                     |
| <b>CLAIMS</b>                                                                                                                                                                                                                                                               | <b>NUMBER</b> | <b>NUMBER EXTRA</b>                                                            | <b>RATE</b>                                                                        |                          |                     |
| Total Claims                                                                                                                                                                                                                                                                | 10            | -20 =                                                                          | x \$50.00                                                                          |                          |                     |
| Independent Claims                                                                                                                                                                                                                                                          | 1             | -3 =                                                                           | x \$200.00                                                                         |                          |                     |
| Multiple Dependent Claims (if applicable)                                                                                                                                                                                                                                   |               |                                                                                | + \$360.00                                                                         |                          |                     |
| <b>TOTAL OF ABOVE CALCULATIONS</b>                                                                                                                                                                                                                                          |               |                                                                                |                                                                                    |                          |                     |
| <input type="checkbox"/> Reduction by ½ for filing by small entity, if applicable. Small Entity Status is asserted pursuant to 37 CFR 1.27 for this application.                                                                                                            |               |                                                                                |                                                                                    |                          |                     |
| <b>SUBTOTAL</b>                                                                                                                                                                                                                                                             |               |                                                                                |                                                                                    |                          |                     |
| Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).                                                                                                                    |               |                                                                                |                                                                                    |                          |                     |
| <b>TOTAL NATIONAL FEE</b>                                                                                                                                                                                                                                                   |               |                                                                                |                                                                                    |                          |                     |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.                                                                                                     |               |                                                                                |                                                                                    |                          |                     |
| <b>TOTAL FEES ENCLOSED</b> <b>\$ 1,000.00</b>                                                                                                                                                                                                                               |               |                                                                                |                                                                                    |                          |                     |
|                                                                                                                                                                                                                                                                             |               |                                                                                | Amount to be: <input type="checkbox"/> Refunded: <input type="checkbox"/> Charged: |                          |                     |

- a.  A check in the amount of \$ 1000 to cover the fees is enclosed.
- b.  Please charge my **Deposit Account Number 02-0200** in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to **Deposit Account Number 02-0200**. A duplicate copy of this sheet is enclosed.

Note: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

**23364**

Customer Number  
Phone: (703) 683-0500

DATE: December 23, 2005

Respectfully submitted,



Felix J. D'Ambrosio  
Attorney for Applicant  
Registration Number: 25,721